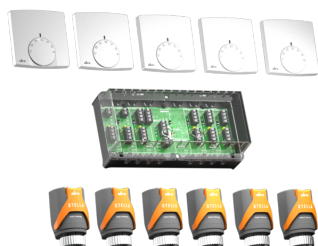


Datasheet SET 31

Articlenumber: VV000046

Set for fully automatic hydronic balancing consisting of 5 surface-mounted room thermostats, 1 terminal strip and 6 valve actuators.

This set is the perfect system for an optimum room climate: the "Stella" valve actuator performs automatic adaptive hydronic balancing in underfloor heating systems. Sensors on the supply and return pipes measure temperature differences and an algorithm continuously calculates the required temperature spread and the corresponding valve position. The timelessly elegant room thermostats in the super-flat surface-mounted housing (only 13.9 mm deep) offer high control accuracy and adapt to any environment. And with the terminal strip from alre, temperature controllers and electrothermal valve actuators can be wired quickly, clearly and conveniently in the heating circuit manifold in conjunction with hot water underfloor heating systems. Stella can be used in combination with all standard temperature controllers and terminal strips. When using devices with a triac switching element, a dielectric strength (V DRM) of the triac of at least 800V is required. Contents: 6x valve actuator ZBOOA-010.185 5x surface-mounted thermostat RTBSB-201.000 1x terminal strip VOOPL-216.176



Ambient temperature	0 ... 50 °C
Average power consumption	1.7 W
Bearing temperature	-25 ... 50 °C
Cable length	1 m
Closing dimension actuator	10.8 mm
Closing dimension valve	11.8 mm
Colour	Grey
Connection cross-section	2 x 0,34 ()
Dimensions (W x H x D)	205 mm x 265 mm x 160 mm
Function type	Closed when de-energised
Housing material	Plastic PA6
Max. air humidity (non-condensing)	100 % r.H.
Max. Inrush current	130 mA for max. 200 ms

Montage/Befestigung	M30x1.5
Nominal closing force	110 N
Nominal stroke	3.5 mm
Operating voltage	230 VAC, 50 Hz
Protection class	II, following appropriate mounting
RAL colour number (similar)	7015
Running time	180 s
Safety and EMC	In accordance with DIN EN 60730
Temperature controller version	Valve actuator